

Comparisons of Job Characteristics

Focus Occupation: [Speech-Language Pathologists \(29-1127\)](#)

Associated Occupation: [Audiologists \(29-1121\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 80

Focus Occupation: Speech-Language Pathologists (29-1127)

Associated Occupation: Audiologists (29-1121)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Customer and Personal Service	11.3	18.6	17.5	0	Current knowledge level may be sufficient
Therapy and Counseling	3.8	14.8	19.1	>>	Current knowledge level is likely more than sufficient
Psychology	6.4	13.7	16.6	>	Current knowledge level is likely sufficient
Medicine and Dentistry	3.7	13.2	10.3	<<	Extensive education and/or training may be required
Sales and Marketing	5.2	12.2	3.6	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 91

Focus Occupation: Speech-Language Pathologists (29-1127)

Associated Occupation: Audiologists (29-1121)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Reading Comprehension	10.7	16.0	14.6	0	Current skill level may be sufficient
Speaking	10.8	15.0	14.5	0	Current skill level may be sufficient
Active Learning	8.7	13.3	12.4	0	Current skill level may be sufficient
Writing	9.2	13.3	13.0	0	Current skill level may be sufficient
Learning Strategies	7.2	10.8	12.6	>	Skill level is likely sufficient
Science	4.5	9.7	9.8	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 91			
Focus Occupation: Speech-Language Pathologists (29-1127) Associated Occupation: Audiologists (29-1121)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	16.3	13.9	<	Some improvement in abilities may be required
Oral Comprehension	12.5	15.9	15.9	0	Current ability level may be sufficient
Oral Expression	12.4	15.9	15.4	0	Current ability level may be sufficient
Inductive Reasoning	10.2	15.7	13.9	<	Some improvement in abilities may be required
Written Comprehension	11.0	14.8	14.4	0	Current ability level may be sufficient
Deductive Reasoning	10.6	14.5	14.5	0	Current ability level may be sufficient
Speech Recognition	9.9	13.8	18.8	>>	Current ability level is likely more than sufficient
Speech Clarity	10.2	13.6	15.7	>	Current ability level is likely sufficient
Finger Dexterity	7.6	11.7	6.4	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	11.0	13.2	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 100
Focus Occupation: Speech-Language Pathologists (29-1127) Associated Occupation: Audiologists (29-1121)		
Work Activities	Exclusivity of Activity	
Advise other staff on speech or hearing topics	99	
Analyze medical data	57	
Analyze patient activity	73	
Analyze speech or hearing data	99	
Collect clinical data	56	
Communicate technical information	4	
Conduct patient assessments	69	
Document medical prognosis	77	
Identify needs of communication-impaired persons	95	
Make decisions	24	
Make presentations on health or medical issues	50	
Observe patient condition	48	

Obtain information from clients, customers, or patients	40
Prepare patient reports	66
Recommend treatments for speech or hearing problems	99
Treat medical condition of patient	75
Use counseling techniques	60
Use interpersonal communication techniques	10
Use knowledge of medical terminology	40
Use medical diagnostic techniques	71
Use research methodology procedures in health care	63

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 79

Focus Occupation: Speech-Language Pathologists (29-1127)
Associated Occupation: Audiologists (29-1121)

Tools and Technologies	Exclusivity
Cameras	2
Communication aids for the physically challenged	29
Computers	1
Content authoring and editing software	1
Diagnostic assessment and exam products for general use	21
Hearing testing products	31
Indicating and recording instruments	2
Industry specific software	1
Information exchange software	1
Sound generating and measuring equipment	19

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.